

Proper use of the Compound Microscope

General Care and Handling:

1. Use two hands to carry the microscope, one on the arm one on the base.
2. Store the microscope with a dust cover.
3. Store the microscope on LOW power.

Putting away the Microscope:

1. Turn light off, unplug cord, wrap cord around base.
2. Remove slide. Clean slide and cover slip and let dry at sink on paper towel.
3. Dry stage with paper towel.
4. Swing low power objective into place.
5. Clean ocular and objective lenses with tissue.
6. Cover with dust cover.

Focusing using the High Power Objective

1. Adjust the mirror or light so that a full circle of light is visible under the **low** power objective.
2. Place a slide on the stage.
3. Establish a crisp focus on low magnification with the coarse adjustment knob. Fine tune focus with the fine adjustment knob.
4. Centre the image, then, click the **medium** power objective in place.
5. Focus and centre the image on medium magnification.
6. Move to the **high** power objective and focus with the **FINE ADJUSTMENT** only.

Preparation of a Wet Mount:

1. Place the specimen to be viewed in the middle of the glass slide.
2. If the specimen is not in a liquid medium, place a small drop of water on it.
3. Place a cover slip on the specimen and water, as shown:

